



Advanced Reservation Service

(<https://reservation.hpc.mil/>)



- **Advance Reservation Service (ARS) capability is available on all production systems**
- **ARS allows a user to reserve a block of time for their use on any system for which a user has an account**
- **A reservation can be made up to 25 Minutes in advance of the requested time slot for up to 8 wall-clock hours of usage.**
- **A reservation can be made up to 24 Hours in advance of the requested time slot for more than 8 wall-clock hours of usage**
- **A reservation can be made up to 3 months in advance for a block of up to 168 wall-clock hours**
- **A single user can reserve up to 50% of ARS resources available on a system**
 - **Typically, 25% of a system is available for ARS**



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- **Running multiple jobs within one reservation**

- When a user makes a reservation request, they enter a valid project that has an allocation sufficient to address the reservation. However, when they run their jobs during the ARS time period, they may submit jobs with different projects
- The allocations for the projects that were used for each job will be charged – NOT the Project used during the ARS reservation request process
- Any unused time will be charged to the project indicated during the reservation request

- **Multiple users can be allowed to run within a reservation by reservation initiator at reservation request**

- **A single user can only have one reservation active at anytime on a specific system**